

# INDUSTRIAL EVAPORATIVE COOLERS

By **OUBER<sup>®</sup>**



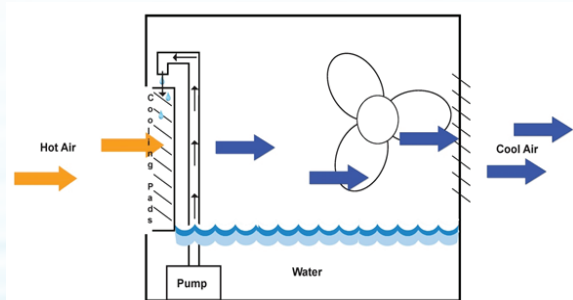
**FANMASTER**  
COOLING HEATING VENTILATION DISTRIBUTION

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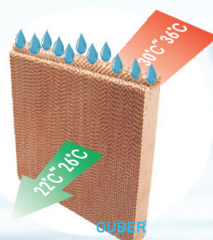
## What is Evaporative Cooling?

Evaporative coolers cool air by pulling fresh air from outside, filtering it through wet pads where the air is cooled by the evaporation of water. Evaporative cooling is essentially the addition of water vapor into air.

Evaporative cooling is a common form of cooling buildings for thermal comfort since it is relatively inexpensive to run as it requires a smaller amount of energy than other methods of cooling. They can save up to 75% on cooling prices because the only mechanical component that uses electricity is the fan and water pump.



Our Ouber Evaporative coolers have cooling pads on the sides and/or back of the units to prevent dust from entering



## Temperature Drop Chart

		Outdoor Humidity								
	Outlet Temperature	10%	20%	30%	40%	50%	60%	70%	80%	90%
Outdoor Temperature	25°C	12.0	13.0	14.5	15.7	17.5	19.1	21.5	22.3	23.7
	27°C	13.5	14.5	16.5	17.4	20.0	21.2	23.0	24.6	27.0
	30°C	15.5	16.5	19.0	20.4	22.5	23.9	26.0	27.6	30.0
	32°C	17.0	18.0	21.0	22.6	25.0	26.6	29.0	30.4	32.0
	35°C	19.0	20.0	23.0	24.8	27.5	29.1	31.5	33.1	
	37°C	20.5	22.7	25.0	26.8	29.5	31.1	33.5		
	40°C	22.0	23.8	26.5	28.3	31.0	33.0			
	42°C	23.0	25.0	28.0	29.8	32.5				
	45°C	24.0	25.9	28.9	30.8					

## Used effectively in the following applications:

- Factories, workshops, plant and warehouses
- Restaurants, cafes and pubs
- Offices and showrooms
- Events (tents/marquees)
- Agricultural

## FEATURES

- Self contained water tank
- From the office to the worksite
- Dual Purpose
- Full function remote control
- Portable on wheels
- Swing louvre setting

## BENEFITS

- Better air supplied
- No specific training required
- Cost savings
- Product longevity
- Reduced workflow interruption

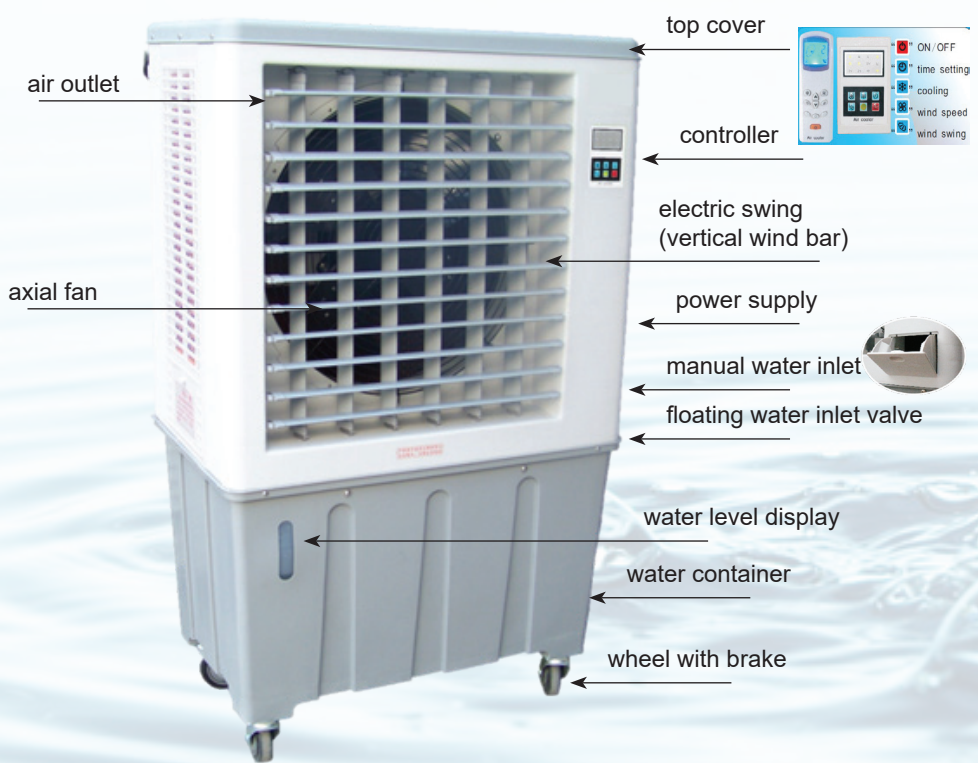
## ADVANTAGES

- Convenient
- Ability to cover a wider area
- Dual Purpose
- Able to monitor water levels
- Easy to move and relocate
- Ease of cleaning and maintenance

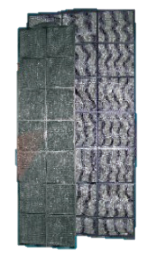




Our range of air coolers can assist in cooling and ventilating various of spaces quickly and efficiently.



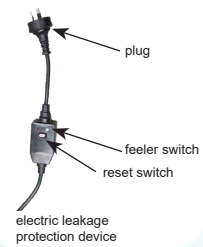
PAC280-A



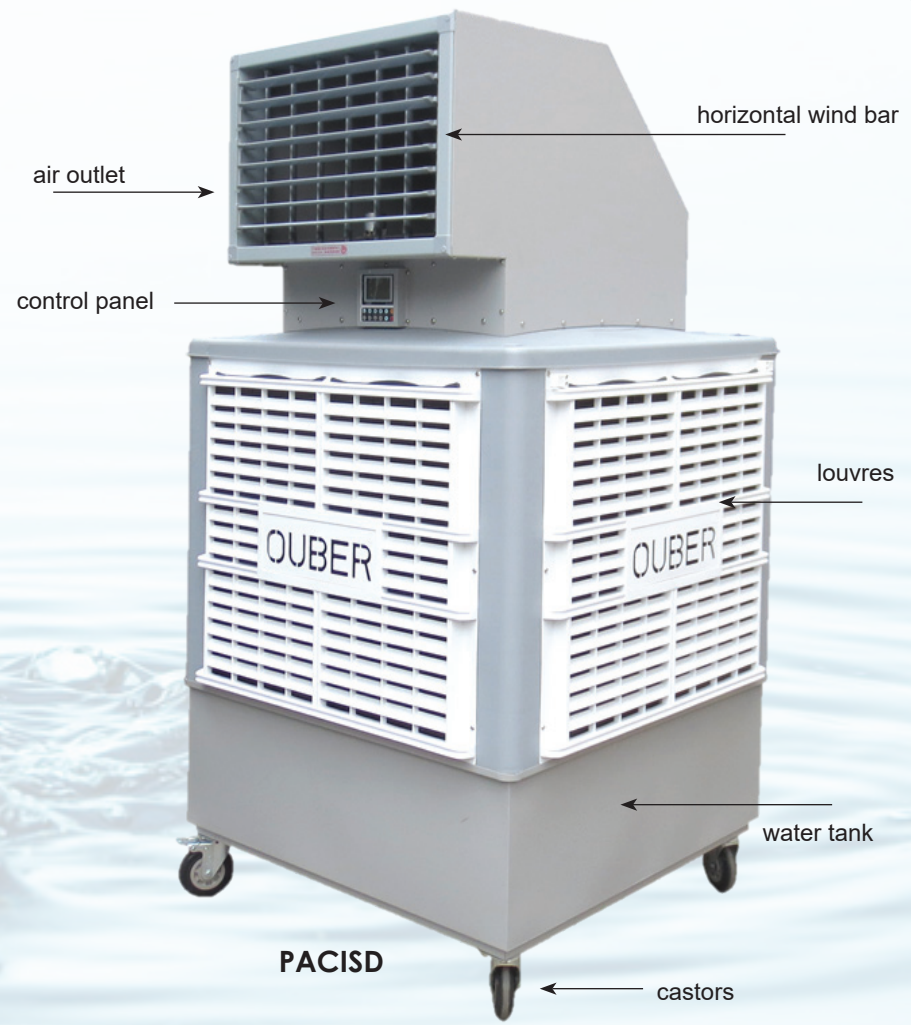
Filter



standard garden hose can be connected for continuous water supply



electric leakage protection device



PACISD



PAC280-A



PAC500



PACIMD



PACISD

## SPECIFICATIONS

Model No.	PAC280-A	PAC500	PACIMD	PACISD
Install Type	Portable	Portable	Portable	Portable
Fan Type	Axial	Centrifugal	Axial	Axial
Power	0.28kW	0.5kW	1.1kW	1.1kW
Voltage	220~240V/50hZ	220~240V/50hZ	220~240V/50hZ	220~240V/50hZ
Connection	10A Plug	10A Plug	10A Plug	10A Plug
Current (A)	1.30	2.5	5.00	5.00
Speed RPM	850	1100	1400	1400
Insulation Class	F	F	F	F
IP Rating	IP64	IP64	IP44	IP44
Airflow L/s	2111	2222	5000	5000
dBa	<65	<70	<70	<70
Material of Blades	ABS	ABS	Nylon & Fibreglass	Nylon & Fibreglass
Material of Body	PP	PP	PP	PP
Water Tank (L)	120	120	300	300
Water Consumption (L/H)	10	10	15	15
Dimensions (mm) LxDxH	840x480x1390	840x480x1380	1070x1070x1650	1070x1070x2000
Air Supply Distance (m)	10	16	8	15
Cooling area (m <sup>2</sup> )	up to 50	up to 60	up to 150	up to 150
Weight (kg)	38	45	97	98